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# APPRAISING CHANGES IN CONTINENTAL MIGRATORY BIRD HABITAT

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Type I Progress Report for Period 1 January 1973 - 28 February 1973

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Type I Progress Report  
ERTS-A

(Cover Sheet)

a. Title: Appraising Changes in Continental Bird Habitat

ERTS-A Proposal No.: SR 255

b. GSFC ID No. of P.I.: IN 051

c. Statement and explanation of any problems that are impeding the progress of the investigation:

None

d. Discussion of the accomplishments during the reporting period and those planned for the next reporting period:

Final arrangements were made between the Bureau of Sport Fisheries and Wildlife (BSF&W) and the Environmental Research Institute of Michigan (ERIM) to permit the latter organization to begin processing of ERTS-1 MSS data collected 31 July 1972. During the reporting period ERIM has processed MSS data from 10 percent of an ERTS-1 frame and has generated digital greymaps and recognition maps of ponds and lakes for the same area.

Aerial MSS data were collected from 4,500 feet altitude above terrain on July 28, 1973, three days before the ERTS-1 overflight. These data will be processed during the next reporting period to demonstrate the feasibility of mapping ponds and lakes using joint aircraft and spacecraft products. The preliminary findings will facilitate processing and interpretation of the ERTS-1 data to be collected in May and July 1973.

The ERIM Data Analysis Plan will also be submitted in the next reporting period.

e. Discussion of significant scientific results and their relationship to practical applications or operational problems including estimates of the cost benefits of any significant results (To be prepared in scientific abstract form of 200 words or less):

None (category 7K)

f. A listing of published articles, and/or papers, pre-prints, in-house reports, abstracts of talks, that were released during the reporting period:

None

g. Recommendation concerning practical changes in operations, additional investigative effort, correlation of effort and/or results as related to a maximum utilization of the ERTS system:

None

h. A listing by date of any changes in Standing Order Forms:

None

i. ERTS Image Descriptor forms:

Nothing to report.

j. Listing by date of any changed Data Request forms submitted to Goddard Space Flight Center/NDPF during the reporting period:

None

k. Status of Data Collection Platforms (if applicable):

Not applicable.